



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

May 20, 2008

Charlotte Campbell
Berry Petroleum Company (ID 119907)
5201 Truxtun Ave, Suite 300
Bakersfield, CA 93309-0640

Subject: Title V Permit to Operate

Dear Ms. Campbell:

Enclosed is your facility's final Title V Permit that has been issued by the South Coast Air Quality Management District (AQMD). Effective June 1, 2008, the Title V permit replaces all existing Permits to Operate and Permits to Construct that have been issued by the AQMD to Berry Petroleum Company (Facility ID 119907) located at 25121 N Sierra Hwy in Santa Clarita, CA.

Thank you for providing the necessary information that allowed the AQMD to complete the evaluation of your facility with respect with federal Title V requirements. Please find also attached our responses to your August 13, 2004 Title V comment letter. If there are questions on the Title V permit please contact Mr. John Yee, Senior Air Quality Engineer of the Energy Team at 909.396.2531.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mohsen Nazemi', is written over a horizontal line.

Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering and Compliance

Enclosure

jty

cc: Gerardo Rios, USEPA (R9AirPermits_SC@EPA)
William Thompson, Title V Administration
Ed Pupka, Compliance
Energy Unit Files

Cleaning the air that we breathe.

Berry Petroleum Company comment letter of August 13, 2004

Berry Comment	AQMD Response
Section A: Change contact person and address	Changes reflected in revised facility permit
Section A: Change contact person phone number	Change reflected in revised facility permit
Section D: Pages 2-6, AQMD changed all ROG labels to VOC.	AQMD changed all ROG labels to VOC as part of the Title V upgrade. This does not change the requirements however.
Section D: Process 5, the rule 219 Halon fire suppression unit was removed. Please remove from permit.	Device E69 was removed and the change is reflected in revised facility permit
Section D: Page 26, condition 82.3 requires CEMS for CO for Turbines 1 and 2. This is a new condition, please clarify.	This condition was on the original command and control permit for ARCO Western. It was inadvertently removed in 1996 as part of RECLAIM condition clean-up which should have only removed the NOx portion of the condition. The condition is added as it was original to the command and control permit as it was placed to ensure compliance with the turbines CO BACT limit of 10 ppmv. This condition will remain on the your Title V facility permit.
Section D: Page 32, condition K40.1. Please change 30 to 60 days to be consistent with Section E condition 10 requirement.	AQMD has changed the condition to 60 days. The change reflected in revised facility permit



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Title Page
Facility I.D.#: 119907
Revision #: 13
Date: June 01, 2008

FACILITY PERMIT TO OPERATE

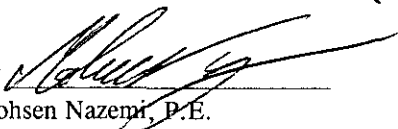
**BERRY PETROLEUM COMPANY
25121 N SIERRA HWY
SANTA CLARITA, CA 91321**

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By 
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	6	06/01/2008
B	RECLAIM Annual Emission Allocation	10	06/01/2008
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	8	06/01/2008
E	Administrative Conditions	7	06/01/2008
F	RECLAIM Monitoring and Source Testing Requirements	6	06/01/2008
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	6	06/01/2008
H	Permit To Construct and Temporary Permit to Operate	8	06/01/2008
I	Compliance Plans & Schedules	6	06/01/2008
J	Air Toxics	0	06/01/2008
K	Title V Administration	0	06/01/2008
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	6	06/01/2008
B	Rule Emission Limits	0	06/01/2008



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: BERRY PETROLEUM COMPANY

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 25121 N SIERRA HWY
SANTA CLARITA, CA 91321-2007

MAILING ADDRESS: 5201 TRUXTUN AVE, SUITE 300 ATTN: ACCTS PAYABLE
BAKERSFIELD, CA 93309-0640

RESPONSIBLE OFFICIAL: TIM CRAWFORD

TITLE: PRODUCTION MANAGER

TELEPHONE NUMBER: (661) 769-2377

CONTACT PERSON: CHARLOTTE CAMPBELL

TITLE: REGULATORY COMPLIANCE SPECIALIST

TELEPHONE NUMBER: (661) 616-3807

TITLE V PERMIT ISSUED: June 01, 2008

TITLE V PERMIT EXPIRATION DATE: May 31, 2013

TITLE V		RECLAIM	
YES	NOx:	YES	
	SOx:	NO	
	CYCLE:	1	
	ZONE:	COASTAL	



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO_x emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)		Zone	NO _x RTC Initially Allocated	NO _x RTC ¹ Holding as of 06/01/08 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
7/2005	6 /2006	Coastal	0	0	0
1/2006	12/2006	Coastal	87978	33611	0
7/2006	6 /2007	Coastal	0	0	0
1/2007	12/2007	Coastal	87978	6547	0
7/2007	6 /2008	Coastal	0	13245	0
1/2008	12/2008	Coastal	87978	75309	2375
7/2008	6 /2009	Coastal	0	12840	405
1/2009	12/2009	Coastal	87978	72934	4751
7/2009	6 /2010	Coastal	0	12435	810
1/2010	12/2010	Coastal	87978	70558	7126
7/2010	6 /2011	Coastal	0	12030	1215
1/2011	12/2011	Coastal	87978	68183	9502
7/2011	6 /2012	Coastal	0	11625	1620
1/2012	12/2012	Coastal	87978	68183	9502
7/2012	6 /2013	Coastal	0	11625	1620
1/2013	12/2013	Coastal	87978	68183	9502
7/2013	6 /2014	Coastal	0	11625	1620

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO_x emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)		Zone	NO _x RTC Initially Allocated	NO _x RTC ¹ Holding as of 06/01/08 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
1/2014	12/2014	Coastal	87978	68183	9502
7/2014	6 /2015	Coastal	0	11625	1620
1/2015	12/2015	Coastal	87978	68183	9502
7/2015	6 /2016	Coastal	0	11625	1620
1/2016	12/2016	Coastal	87978	68183	9502
7/2016	6 /2017	Coastal	0	11625	1620
1/2017	12/2017	Coastal	87978	68183	9502
7/2017	6 /2018	Coastal	0	11625	1620
1/2018	12/2018	Coastal	87978	68183	9502
7/2018	6 /2019	Coastal	0	11625	1620
1/2019	12/2019	Coastal	87978	68183	9502
7/2019	6 /2020	Coastal	0	11625	1620
1/2020	12/2020	Coastal	87978	68183	9502
7/2020	6 /2021	Coastal	0	11625	1620
1/2021	12/2021	Coastal	87978	68183	9502
7/2021	6 /2022	Coastal	0	11625	1620
1/2022	12/2022	Coastal	87978	68183	9502

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO_x emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)		Zone	NO _x RTC Initially Allocated	NO _x RTC ¹ Holding as of 06/01/08 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
7/2022	6 /2023	Coastal	0	11625	1620
1/2023	12/2023	Coastal	87978	68183	9502

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase an annual allocation to a level greater than the facility's Starting Allocation plus Non-Tradable Credits as listed below, the application will be evaluated for compliance with Rule 2005(c)(4). Rule 2005(e)-Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year		Zone	NOx RTC	Non-Tradable
Begin	End		Starting Allocation (pounds)	Credits(NTCs) (pounds)
1/1994	12/1994	Coastal	121748	0



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Section C Page 1
Facility I.D.#: 119907
Revision #: 6
Date: June 01, 2008

FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION					
System 1 : COGENERATION SYSTEM #1					
TURBINE, #1, NATURAL GAS, GENERAL ELECTRIC, MODEL LM2500, WITH STEAM OR WATER INJECTION, 220.6 MMBTU/HR WITH A/N: 416619	D1	C4	NOX: MAJOR SOURCE**	<p>CO: 5.2 LBS/HR (5A) [RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002] ; CO: 10 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996</p> <p>RULE 1303(a)(1)-BACT, 12-6-2002] ; CO: 2000 PPMV (5) [RULE 407, 4-2-1982] ; NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996</p> <p>RULE 1303(a)(1)-BACT, 12-6-2002] ; NOX: 9 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] ; NOX: 109 PPMV NATURAL GAS (8) [40CFR 60 Subpart GG, 3-6-1981]</p> <p>PM: 1 LBS/HR (5A) [RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002] ; PM: 0.01 GRAINS/SCF (5B) [RULE 475, 10-8-1976</p> <p>RULE 475, 8-7-1978] ; PM: 11 LBS/HR (5C) [RULE 475, 10-8-1976; RULE 475, 8-7-1978] ; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]</p>	<p>A63.1, A63.2, A99.1, A99.2, A327.1, D12.1, D28.1, D82.3, D328.2, E73.1, E73.2, E226.1, E226.2,</p> <p>H23.2, K40.1, K67.1</p>

- | | |
|---|---|
| <p>* (1)(1A)(1B) Denotes RECLAIM emission factor</p> <p>(3) Denotes RECLAIM concentration limit</p> <p>(5)(5A)(5B) Denotes command and control emission limit</p> <p>(7) Denotes NSR applicability limit</p> <p>(9) See App B for Emission Limits</p> | <p>(2)(2A)(2B) Denotes RECLAIM emission rate</p> <p>(4) Denotes BACT emission limit</p> <p>(6) Denotes air toxic control rule limit</p> <p>(8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)</p> <p>(10) See Section J for NESHAP/MACT requirements</p> |
|---|---|

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION					
BOILER, UNFIRED HEAT RECOVERY STEAM GENERATOR GENERATOR, ELECTRICAL, 21760 KW				SO ₂ : 0.3 LBS/HR (5) [RULE 1303(b)(2)-Offset,5-10-1996;RULE 1303(b)(2)-Offset,12-6-2002] ; SOX: 150 PPMV (8) [40CFR 60 Subpart GG,3-6-1981] VOC: 1.2 LBS/HR (5A) [RULE 1303(b)(2)-Offset,5-10- 1996;RULE 1303(b)(2)-Offset,12-6- 2002]	
SELECTIVE CATALYTIC REDUCTION, NOBLE METAL CATALYST, WIDTH: 26 FT 11 IN; HEIGHT: 10 FT 10 IN; LENGTH: 8 FT 3 IN WITH A/N: 356817 AMMONIA INJECTION	C2	C4 S65			
OXIDIZER, CO CATALYST A/N: 356817	C4	D1 C2			
STACK A/N: 356817	S65	C2			

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS; NESHAPS,etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION					
System 2 : COGENERATION SYSTEM #2					
TURBINE, #2, NATURAL GAS, GENERAL ELECTRIC, MODEL LM2500, WITH STEAM OR WATER INJECTION, 220.6 MMBTU/HR WITH A/N: 416620	D5	C8	NOX: MAJOR SOURCE**	<p>CO: 5.2 LBS/HR (5A) [RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002] ; CO: 10 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996</p> <p>RULE 1303(a)(1)-BACT, 12-6-2002] ; CO: 2000 PPMV (5) [RULE 407, 4-2-1982] ; NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996</p> <p>RULE 1303(a)(1)-BACT, 12-6-2002] ; NOX: 9 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] ; NOX: 109 PPMV NATURAL GAS (8) [40CFR 60 Subpart GG, 3-6-1981]</p> <p>PM: 1 LBS/HR (5A) [RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002] ; PM: 0.01 GRAINS/SCF (5B) [RULE 475, 10-8-1976</p>	<p>A63.1, A63.2, A99.1, A99.2, A327.1, D12.1, D28.1, D82.3, D328.2, E73.1, E73.2, E226.1, E226.2,</p> <p>H23.2, K40.1, K67.1</p>

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION					
BOILER, UNFIRED HEAT RECOVERY STEAM GENERATOR GENERATOR, ELECTRICAL, 21760 KW				<i>RULE 475, 8-7-1978] ; PM: 11 LBS/HR (5C) [RULE 475, 10-8- 1976; RULE 475, 8-7-1978] ; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]</i> SO ₂ : 0.3 LBS/HR (5) [RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002] ; SOX: 150 PPMV (8) [40CFR 60 Subpart GG, 3-6-1981] VOC: 1.2 LBS/HR (5A) [RULE 1303(b)(2)-Offset, 5-10- 1996; RULE 1303(b)(2)-Offset, 12-6- 2002]	
SELECTIVE CATALYTIC REDUCTION, NOBLE METAL CATALYST, WIDTH: 26 FT 11 IN; HEIGHT: 10 FT 10 IN; LENGTH: 8 FT 3 IN WITH A/N: 356823 AMMONIA INJECTION	C6	C8 S66			

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION					
OXIDIZER, CO_CATALYST A/N: 356823	C8	D5 C6			
STACK A/N: 356823	S66	C6			
Process 2 : EXTERNAL COMBUSTION					
BOILER, TOC-28, NATURAL GAS, PROCESS GAS, STRUTHERS THERMOFLOOD, WITH FLUE GAS RECIRCULATION, OXYGEN CONTENT CONTROL, 25.2 MMBTU/HR A/N: 356824	D9	E68	NOX: LARGE SOURCE**	CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 400 PPMV (5) [RULE 1146,11-17-2000] ; NOX: 40 PPMV PROCESS GAS (3) [RULE 2012,5-11-2001 RULE 2012,12-5-2003] ; NOX: 40 PPMV NATURAL GAS (3) [RULE 2012,5-11-2001;RULE 2012,12-5-2003] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] VOC: 4.5 LBS/DAY PER CONNECTED WELL (5) [RULE 1148,11-5-1982]	A63.3, B61.1, D328.1
BOILER, TOC-20, NATURAL GAS, PROCESS GAS, STRUTHER THERMOFLOOD, WITH FLUE GAS RECIRCULATION, OXYGEN CONTENT CONTROL, 27.2 MMBTU/HR A/N: 356825	D10	E68	NOX: LARGE SOURCE**	CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 400 PPMV (5) [RULE 1146,11-17-2000] ; NOX: 40 PPMV PROCESS GAS (3) [RULE 2012,5-11-2001	A63.4, B61.1, D328.1

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : EXTERNAL COMBUSTION					
				RULE 2012,12-5-2003] ; NOX: 40 PPMV NATURAL GAS (3) [RULE 2012,5-11-2001;RULE 2012,12-5-2003] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] VOC: 4.5 LBS/DAY PER CONNECTED WELL (5) [RULE 1148,11-5-1982]	
BOILER, TOC-47, NATURAL GAS, PROCESS GAS, STRUTHER THERMOFLOOD, WITH FLUE GAS RECIRCULATION, OXYGEN CONTENT CONTROL, 20.9 MMBTU/HR A/N: 356826	D11	E68	NOX: LARGE SOURCE**	CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 400 PPMV (5) [RULE 1146,11-17-2000] ; NOX: 40 PPMV PROCESS GAS (3) [RULE 2012,5-11-2001 RULE 2012,12-5-2003] ; NOX: 40 PPMV NATURAL GAS (3) [RULE 2012,5-11-2001;RULE 2012,12-5-2003] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] VOC: 4.5 LBS/DAY PER CONNECTED WELL (5) [RULE 1148,11-5-1982]	A63.5, B61.1, D328.1

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : EXTERNAL COMBUSTION					
BOILER, TOC-50, NATURAL GAS, PROCESS GAS, STRUTHERS THERMOFLOOD, MODEL OH-50-NG-25 X AM/88, WITH FLUE GAS RECIRCULATION, OXYGEN CONTENT CONTROL, 57 MMBTU/HR A/N: 356806	D63	S67 E68	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 400 PPMV (5) [RULE 1146,11-17-2000] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] VOC: 4.5 LBS/DAY PER CONNECTED WELL (5) [RULE 1148,11-5-1982]	B61.1, D328.1
STACK A/N: 356806	S67	D63			
BOILER, SG #51, FIELD GAS, NATURAL GAS, STRUTHERS, FIRE TUBE-TYPE, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 62.5 MMBTU/HR WITH A/N: 400745	D77		NOX: MAJOR SOURCE**	CO: 7 PPMV NATURAL GAS (5B) [RULE 1303(b)(2)-Offset,5-10-1996;RULE 1303(b)(2)-Offset,12-6-2002] ; CO: 2000 PPMV (5A) [RULE 407,4-2-1982] CO: 50 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002] ; CO: 400 PPMV (5) [RULE 1146,11-17-2000]	A63.6, A99.1, A99.3, B61.2, D29.2, I30.1, K40.2

* (1)(1A)(1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5)(5A)(5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
(9) See App B for Emission Limits
(2)(2A)(2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : EXTERNAL COMBUSTION					
BURNER, FIELD GAS, NATURAL GAS, COEN, MODEL QLA, LOW NOX, WITH LOW NOX BURNER, 1 TOTAL; 62.5 MMBTU/HR				<p>NOX: 38.46 LBS/MMSCF NATURAL GAS (1) [RULE 2012,5-11-2001;RULE 2012,12-5-2003] ; NOX: 9 PPMV NATURAL GAS (4) [RULE 2005,4-20-2001]</p> <p>PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; VOC: 4.5 LBS/DAY PER CONNECTED WELL (5) [RULE 1148,11-5-1982]</p>	
Process 3 : CRUDE OIL/GAS PRODUCTION					
System 1 : CRUDE OIL/GAS/WATER SEPARATION					
KNOCK OUT POT, V-400, VENTED TO THE VAPOR RECOVERY SYSTEM., 1200 BBL; DIAMETER: 12 FT; LENGTH: 60 FT A/N: 362854	D12				B22.1, B163.1, E179.1
KNOCK OUT POT, V-300, FREE WATER, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 1200 BBL; DIAMETER: 12 FT; LENGTH: 60 FT A/N: 362854	D13				B22.1, B163.1, E179.1

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : CRUDE OIL/GAS PRODUCTION					
KNOCK OUT POT, V-200, FREE WATER, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 1200 BBL; DIAMETER: 12 FT; LENGTH: 60 FT A/N: 362854	D14				B22.1, B163.1, E179.1
VESSEL, V-600, FREE WATER KO, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 750 BBL; DIAMETER: 10 FT; LENGTH: 50 FT A/N: 362854	D20				B22.1, B163.1, E127.1, E179.1
VESSEL, V-500, FREE WATER KO, STANDBY, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 135 BBL; DIAMETER: 8 FT; LENGTH: 30 FT A/N: 362854	D21				B22.1, B163.1, E127.1, E179.1
TANK, WASH, TK-2A, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 5000 BBL; DIAMETER: 38 FT 6 IN; HEIGHT: 24 FT A/N: 362854	D15				B22.1, B163.1, E127.1, E179.1, H23.1
TANK, WASH, TK-2B, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 5000 BBL; DIAMETER: 38 FT 6 IN; HEIGHT: 24 FT A/N: 362854	D76				B22.1, B163.1, E127.1, E179.1, H23.1

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : CRUDE OIL/GAS PRODUCTION					
PROCESS TANK, TK-5A, SKIMMED OIL, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 1000 BBL; DIAMETER: 21 FT 6 IN; HEIGHT: 16 FT A/N: 362854	D17				B22.1, B163.1, E127.1, E179.1, H23.1
TANK, WASH, TK-7, OIL/WATER, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 5000 BBL; DIAMETER: 38 FT 6 IN; HEIGHT: 24 FT A/N: 362854	D22				B22.1, B163.1, E127.1, E179.1, H23.1
TANK, WASH, TK-8, OIL/WATER, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 5000 BBL; DIAMETER: 38 FT 6 IN; HEIGHT: 24 FT A/N: 362854	D23				B22.1, B163.1, E127.1, E179.1, H23.1
PROCESS TANK, TK-9, SKIMMED OIL, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM, 1000 BBL; DIAMETER: 21 FT 6 IN; HEIGHT: 16 FT A/N: 362854	D24				B22.1, B163.1, E127.1, E179.1, H23.1
System 2 : WASTE WATER TREATMENT					S13.1
PROCESS TANK, TK-10, DRAIN, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 3333 BBL; DIAMETER: 55 FT; HEIGHT: 8 FT A/N: 362852	D25				B22.1, B163.1, C1.2, E127.1, E179.1, H23.1

- | | |
|---|--|
| <p>* (1)(1A)(1B) Denotes RECLAIM emission factor</p> <p>(3) Denotes RECLAIM concentration limit</p> <p>(5)(5A)(5B) Denotes command and control emission limit</p> <p>(7) Denotes NSR applicability limit</p> <p>(9) See App B for Emission Limits</p> | <p>(2)(2A)(2B) Denotes RECLAIM emission rate</p> <p>(4) Denotes BACT emission limit</p> <p>(6) Denotes air toxic control rule limit</p> <p>(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)</p> <p>(10) See Section J for NESHAP/MACT requirements</p> |
|---|--|

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : CRUDE OIL/GAS PRODUCTION					
PROCESS TANK, TK-11, PRODUCE WATER, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 10000 BBL; DIAMETER: 55 FT; HEIGHT: 24 FT A/N: 362852	D75				B22.1, B163.1, C1.2, E127.1, E179.1, H23.1
PROCESS TANK, TK-40, FROTH OIL, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 3000 BBL; DIAMETER: 30 FT; HEIGHT: 24 FT A/N: 362852	D26				B22.1, B163.1, C1.2, E127.1, E179.1, H23.1
PROCESS TANK, TK-35B, SOFT WATER, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 5000 BBL; DIAMETER: 41 FT; HEIGHT: 24 FT A/N: 362852	D27				B22.1, B163.1, C1.2, E127.1, E179.1, H23.1
PROCESS TANK, TK-35A, SOFT WATER, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 5000 BBL; DIAMETER: 41 FT; HEIGHT: 24 FT A/N: 362852	D28				B22.1, B163.1, C1.2, E127.1, E179.1, H23.1
PROCESS TANK, TK-34, FILTERED WATER, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 2000 BBL; DIAMETER: 24 FT; HEIGHT: 25 FT A/N: 362852	D29				B22.1, B163.1, C1.2, E127.1, E179.1, H23.1

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g., NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : CRUDE OIL/GAS PRODUCTION					
PROCESS TANK, TK-30, WATER DISTRIBUTION, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 6666 BBL; DIAMETER: 55 FT; HEIGHT: 16 FT A/N: 362852	D30				B22.1, B163.1, C1.2, E127.1, E179.1, H23.1
FLOATATION UNIT, CONNECTED TO THE VAPOR RECOVERY SYSTEM A/N: 362852	D31				B22.1, B163.1, C1.2, E127.1, E179.1
FLOATATION UNIT, WF-2, CONNECTED TO THE VAPOR RECOVERY SYSTEM. A/N: 362852	D32				B22.1, B163.1, C1.2, E127.1, E179.1
PROCESS TANK, TK-33, FILTER BACKWASH, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 3333 BBL; DIAMETER: 55 FT; HEIGHT: 8 FT A/N: 362852	D33				B22.1, B163.1, C1.2, E127.1, E179.1, H23.1
System 3 : CRUDE OIL LOADING RACK					
LOADING ARM, CRUDE OIL, 4" BOTTOM LOADING, CONNECTED TO THE VAPOR RECOVERY SYSTEM. A/N: 356803	D34			VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]	B22.2, B163.1, C1.1, E179.1
LOADING ARM, CRUDE OIL, 4" BOTTOM LOADING, CONNECTED TO THE VAPOR RECOVERY SYSTEM. A/N: 356803	D35			VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]	B22.2, B163.1, C1.1, E179.1

- * (1)(1A)(1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5)(5A)(5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
(9) See App B for Emission Limits
- (2)(2A)(2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : CRUDE OIL/GAS PRODUCTION					
System 4 : CRUDE OIL STORAGE					
PROCESS TANK, TK-3, REJECT OIL, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 5000 BBL; DIAMETER: 41 FT; HEIGHT: 24 FT A/N: 362854	D19				B22.1, B163.1, E127.1, E179.1, H23.1
PROCESS TANK, TK-1A, LACT TANK, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 5000 BBL; DIAMETER: 24 FT; HEIGHT: 41 FT A/N: 362854	D36				B22.1, B163.1, E127.1, E179.1, H23.1
PROCESS TANK, TK-1B, LACT TANK, FIXED ROOF, CONNECTED TO THE VAPOR RECOVERY SYSTEM., 5000 BBL; DIAMETER: 41 FT; HEIGHT: 24 FT A/N: 362854	D37				B22.1, B163.1, E127.1, E179.1, H23.1
System 5 : FUGITIVE EMISSIONS					
FUGITIVE EMISSIONS, PUMPS A/N: 362854	D38				H23.3
FUGITIVE EMISSIONS, PRV A/N: 362854	D39				H23.3
FUGITIVE EMISSIONS, COMPRESSORS A/N: 356828	D40				H23.3
FUGITIVE EMISSIONS, VALVES A/N: 362854	D41				H23.3

- * (1)(1A)(1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5)(5A)(5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
(9) See App B for Emission Limits
- (2)(2A)(2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
(10) See Section J for NESHAP/MACT requirements

*** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : CRUDE OIL/GAS PRODUCTION					
FUGITIVE EMISSIONS, FLANGES A/N: 362854	D42				H23.3
FUGITIVE EMISSIONS, DRAINS A/N: 362854	D58				H23.7
System 6 : CASING VAPOR RECOVERY & TREATMENT					S13.2
GAS SEPARATOR, V-03, CASING GAS SEPARATOR, LENGTH: 10 FT; DIAMETER: 3 FT A/N: 356804	D46	D44			E175.1
GAS SEPARATOR, V-04, CASING GAS SEPARATOR (CVRS), LENGTH: 10 FT; DIAMETER: 3 FT A/N: 356804	D47	D44			E175.1
GAS SEPARATOR, V-05, CASING GAS SEPARATOR (CVRS), LENGTH: 10 FT; DIAMETER: 3 FT A/N: 356804	D48	D44			E175.1
GAS SEPARATOR, V-06, CASING GAS SEPARATOR, LENGTH: 10 FT; DIAMETER: 3 FT A/N: 356804	D49	D44			E175.1
GAS SEPARATOR, V-07, CASING GAS SEPARATOR (CVRS), LENGTH: 10 FT; DIAMETER: 3 FT A/N: 356804	D50	D44			E175.1
GAS SEPARATOR, V-08, CASING GAS SEPARATOR (CVRS), LENGTH: 10 FT; DIAMETER: 3 FT A/N: 356804	D51	D44			E175.1

- * (1)(1A)(1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5)(5A)(5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
(9) See App B for Emission Limits
- (2)(2A)(2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
(10) See Section J for NESHAP/MACT requirements
- ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : CRUDE OIL/GAS PRODUCTION					
GAS SEPARATOR, V-09, CASING GAS SEPARATOR, LENGTH: 10 FT; DIAMETER: 3 FT A/N: 356804	D52	D44			E175.1
GAS SEPARATOR, V-901, GAS/LIQUID SEPARATOR (CVRS), HEIGHT: 10 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 356804	D44	D45 D46 D47 D48 D49 D50 D51 D52 C53 C57			E175.1
SCRUBBER, V-902, SULFA-TREAT VESSEL (H2S REMOVAL), LENGTH: 36 FT; DIAMETER: 10 FT 10 IN A/N: 356804	C57	D44 D55			D90.1, E175.1
VESSEL, V-903, POST SULFA-TREAT K. O. POT, HEIGHT: 4 FT; DIAMETER: 1 FT 6 IN A/N: 356804	D55	C53 C56 C57			E175.1
SCRUBBER, V-908, SULFA-TREAT VESSEL (H2S REMOVAL), LENGTH: 50 FT; DIAMETER: 9 FT A/N: 356804	C53	D44 D54 D55			D90.1, E175.1
VESSEL, V-909, POST SULFA-TREAT K. O. POT, HEIGHT: 4 FT; DIAMETER: 1 FT 6 IN A/N: 356804	D54	C53			E175.1
SCRUBBER, V-800, LIQUID SCRUBBER (CVRS), HEIGHT: 8 FT; DIAMETER: 3 FT A/N: 356804	D45	D44 C56			E175.1

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : CRUDE OIL/GAS PRODUCTION					
SCRUBBER, V-801, SULFA SCRUB VESSEL (H2S SCRUBBER), HEIGHT: 16 FT; DIAMETER: 2 FT A/N: 356804	C56	D45 D55			D90.1, E175.1
Process 4 : INORGANIC CHEMICAL STORAGE					
STORAGE TANK, PRESSURIZED, AMMONIA, 15000 GALS; DIAMETER: 8 FT; LENGTH: 36 FT A/N: 356817	D64				
Process 5 : RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	E68	D9 D10 D11 D63		VOC: 4.5 LBS/DAY PER CONNECTED WELL (5) [RULE 1148,11-5-1982]	H23.8
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E71				H23.4
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E72			VOC: (9) [RULE 1171,8-2-2002;RULE 1171,11-7-2003]	H23.5
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E73			VOC: (9) [RULE 1113,11-8-1996;RULE 1113,12-5-2003;RULE 1171,8-2-2002;RULE 1171,11-7-2003]	K67.2

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5 : RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, OIL WATER SEPARATORS, GRAVITY- TYPE, < 45 FT2 AIR/LIQUID INTERFACIAL AREA	E74				H23.7

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1	1	1	1
C2	2	1	1
C4	2	1	1
D5	3	1	2
C6	4	1	2
C8	5	1	2
D9	5	2	0
D10	5	2	0
D11	6	2	0
D12	8	3	1
D13	8	3	1
D14	9	3	1
D15	9	3	1
D17	10	3	1
D19	13	3	4
D20	9	3	1
D21	9	3	1
D22	10	3	1
D23	10	3	1
D24	10	3	1
D25	10	3	2
D26	11	3	2
D27	11	3	2
D28	11	3	2
D29	11	3	2
D30	12	3	2
D31	12	3	2
D32	12	3	2
D33	12	3	2
D34	12	3	3
D35	12	3	3
D36	13	3	4
D37	13	3	4
D38	13	3	5
D39	13	3	5
D40	13	3	5



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D41	13	3	5
D42	14	3	5
D44	15	3	6
D45	15	3	6
D46	14	3	6
D47	14	3	6
D48	14	3	6
D49	14	3	6
D50	14	3	6
D51	14	3	6
D52	15	3	6
C53	15	3	6
D54	15	3	6
D55	15	3	6
C56	16	3	6
C57	15	3	6
D58	14	3	5
D63	7	2	0
D64	16	4	0
S65	2	1	1
S66	5	1	2
S67	7	2	0
E68	16	5	0
E71	16	5	0
E72	16	5	0
E73	16	5	0
E74	17	5	0
D75	11	3	2
D76	9	3	1
D77	7	2	0



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

- (a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or
- (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F24.1 Accidental release prevention requirements of Section 112(r)(7):

- a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).
- b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

SYSTEM CONDITIONS

S13.1 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 5-13-1994]

[Systems subject to this condition : Process 3, System 2]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S13.2 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
SOX	District Rule	431.1

[RULE 431.1, 6-12-1998]

[Systems subject to this condition : Process 3, System 6]

DEVICE CONDITIONS

A. Emission Limits

A63.1 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 35 LBS IN ANY ONE DAY
SOX	Less than or equal to 7 LBS IN ANY ONE DAY
CO	Less than or equal to 130 LBS IN ANY ONE DAY
PM	Less than or equal to 24 LBS IN ANY ONE DAY

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1, D5]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A63.2 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 29 LBS PER DAY
SOX	Less than or equal to 7 LBS PER DAY
CO	Less than or equal to 126 LBS PER DAY
PM	Less than or equal to 24 LBS PER DAY

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1, D5]

A63.3 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 19.73 LBS IN ANY ONE DAY
PM	Less than or equal to 4.23 LBS IN ANY ONE DAY
VOC	Less than or equal to 3.95 LBS IN ANY ONE DAY
SOX	Less than or equal to 0.47 LBS IN ANY ONE DAY

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D9]



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A63.4 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 21.07 LBS IN ANY ONE DAY
PM	Less than or equal to 4.52 LBS IN ANY ONE DAY
VOC	Less than or equal to 4.21 LBS IN ANY ONE DAY
SOX	Less than or equal to 0.5 LBS IN ANY ONE DAY

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D10]

A63.5 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 16.56 LBS IN ANY ONE DAY
PM	Less than or equal to 3.55 LBS IN ANY ONE DAY
VOC	Less than or equal to 3.31 LBS IN ANY ONE DAY
SOX	Less than or equal to 0.39 LBS IN ANY ONE DAY

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D11]



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A63.6 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 241 LBS IN ANY ONE MONTH
PM10	Less than or equal to 326 LBS IN ANY ONE MONTH
VOC	Less than or equal to 305 LBS IN ANY ONE MONTH
SOX	Less than or equal to 36 LBS IN ANY ONE MONTH

The operator shall calculate the emission limit(s) using monthly fuel usage and the following emission factors: PM10 7.5 lb/mmcf; VOC 7 lb/mmcf and SOx 0.83 lb/mmcf.

The operator shall calculate the emission limit(s) for compliance with monthly CO emission limit through valid CEMS data. In the absence of valid CEMS data, the operator shall calculate the monthly CO emissions using monthly fuel usage and the following emission factor: CO 5.54 lb/mmcf.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D77]

A99.1 The 9 PPM NOX emission limit(s) shall not apply during start-ups and shutdowns. The duration of start-ups and shutdowns shall not exceed one hour each.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D1, D5, D77]

A99.2 The 10 PPM CO emission limit(s) shall not apply during start-ups and shutdowns. The duration of start-ups and shutdowns shall not exceed one hour each.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D1, D5]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- A99.3 The 7 PPM CO emission limit(s) shall not apply during start-ups and shutdowns. The duration of start-ups and shutdowns shall not exceed one hour each.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D77]

- A327.1 For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 475, 10-8-1976; RULE 475, 8-7-1978]

[Devices subject to this condition : D1, D5]

B. Material/Fuel Type Limits

- B22.1 The operator shall not use this equipment with materials having a(n) true vapor pressure of 1.5 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 463, 3-11-1994]

[Devices subject to this condition : D12, D13, D14, D15, D17, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D36, D37, D75, D76]

- B22.2 The operator shall not use this equipment with materials having a(n) true vapor pressure of 1.5 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 462, 5-14-1999]

[Devices subject to this condition : D34, D35]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

B61.1 The operator shall not use process gas containing the following specified compounds:

Compound	ppm by volume
sulfur compounds calculated as hydrogen sulfide greater than	40

the 40 ppm limit shall be averaged over a 4 hours period

[RULE 431.1, 6-12-1998]

[Devices subject to this condition : D9, D10, D11, D63]

B61.2 The operator shall not use field gas containing the following specified compounds:

Compound	ppm by volume
Sulfur less than or equal to	40

the 40 ppm limit shall be averaged over a 4 hours period

[RULE 431.1, 6-12-1998]

[Devices subject to this condition : D77]

B163.1 The operator shall not use material containing the following:

Volatile organic compound (VOC) content greater than 10 percent by weight, at 150 degrees centigrade, as determined by ASTM Method D-86.

[RULE 1173, 5-13-1994]

[Devices subject to this condition : D12, D13, D14, D15, D17, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37, D75, D76]

C. Throughput or Operating Parameter Limits



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- C1.1 The operator shall limit the material processed to no more than 6000 barrels in any one day.

For the purpose of this condition, material processed shall be defined as the total volume of crude oil loaded at this facility.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D34, D35]

- C1.2 The operator shall limit the material processed to no more than 110000 barrel(s) in any one day.

For the purpose of this condition, material processed shall be defined as the total volume of fluid processed at this facility.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D25, D26, D27, D28, D29, D30, D31, D32, D33, D75]

D. Monitoring/Testing Requirements

- D12.1 The operator shall install and maintain a(n) gauge to accurately indicate the water-to-fuel ratio in the turbine.

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : D1, D5]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to demonstrate compliance with Rule 1303 concentration limit for NH₃.

The test shall be conducted at least quarterly.

The test shall be conducted to determine the NH₃ emissions at the outlet.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D1, D5]

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
CO emissions	District method 100.1	1 hour	Outlet
NOX emissions	District method 100.1	1 hour	Outlet
oxygen concentration	District method 100.1	1 hour	Outlet

The test(s) shall be conducted at least annually after the initial source test(s).

The test shall be conducted when the equipment is operating at normal operating load.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 4-20-2001]

[Devices subject to this condition : D77]



AQMD

FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D82.3 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS will convert the actual CO concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis.

The CEMS shall be installed to measure the parameters from the exhaust stack

[RULE 218, 5-14-1999; RULE 218.1, 5-14-1999]

[Devices subject to this condition : D1, D5]

D90.1 The operator shall periodically sample the H₂S concentration at the exhaust of the final sulfur recovery vessel according to the following specifications:

The operator shall use a drager tube to sample the parameter.

The operator shall sample once every 24 hours.

[RULE 431.1, 6-12-1998]

[Devices subject to this condition : C53, C56, C57]

D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1146 emission limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D9, D10, D11, D63]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D328.2 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1303 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D1, D5]

E. Equipment Operation/Construction Requirements

E73.1 Notwithstanding the requirements of Section E conditions, the operator shall not use water or steam injection if any of the following requirement(s) are met:

the gas turbine output is 5 MW or less

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D1, D5]

E73.2 Notwithstanding the requirements of Section E conditions, the operator shall not use command and control emission limits designated as (5A) if all of the following requirement(s) are met:

On days this unit is started up

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1, D5]

E127.1 The operator shall keep gauge/sample hatches closed except during actual gauging/sampling operations.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 463, 3-11-1994]

[Devices subject to this condition : D15, D17, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D36, D37, D75, D76]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

The Wells and the Vent Casing Vapor Collection System (VCVCS) are vented to Steam Generator Nos. TOC-20, TOC-28, TOC-47, and/or TOC-50 which are in full use.

[RULE 1148, 11-5-1982]

[Devices subject to this condition : D44, D45, D46, D47, D48, D49, D50, D51, D52, C53, D54, D55, C56, C57]

E179.1 For the purpose of the following condition number(s), use of material shall be defined as the crude oil produced, transferred, or stored at this facility.

Condition Number 163-1

[RULE 1173, 5-13-1994]

[Devices subject to this condition : D12, D13, D14, D15, D17, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37, D75, D76]

E226.1 The following condition number(s) shall only apply if all of the requirement(s) stated below are met:

Condition number 63-1

Requirement 1: During period of start-up and shut-down

Requirement 2: The duration of start-up or shut-down shall not exceed one hour in any day (one day shall be defined as starting at and ending at 12:00 midnight).

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1, D5]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E226.2 The following condition number(s) shall only apply if all of the requirement(s) stated below are met:

Condition number 63-2

Requirement 1: During normal operation

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1, D5]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463

[RULE 463, 3-11-1994]

[Devices subject to this condition : D15, D17, D19, D22, D23, D24, D25, D26, D27, D28, D29, D30, D33, D36, D37, D75, D76]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1134

[RULE 1134, 8-8-1997]

[Devices subject to this condition : D1, D5]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 5-13-1994]

[Devices subject to this condition : D38, D39, D40, D41, D42]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415

[RULE 1415, 10-14-1994]

[Devices subject to this condition : E71]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

[RULE 1122, 7-11-1997]

[Devices subject to this condition : E72]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 5-13-1994; RULE 1176, 9-13-1996]

[Devices subject to this condition : D58, E74]

H23.8 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
TOC	District Rule	1148.1

[RULE 1148.1, 3-5-2004]

[Devices subject to this condition : E68]

I. Administrative

I30.1 In accordance with Rule 3002(a)(3), the permit for this equipment is being issued as a non-Title V permit.

The facility permit holder shall file an application for a Title V permit revision for this equipment within 90 days of the issuance of the facility's initial Title V permit.

[RULE 3002, 11-14-1997]

[Devices subject to this condition : D77]

K. Record Keeping/Reporting



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K40.1 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : D1, D5]

K40.2 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Emission data shall be expressed in terms of concentration (ppmv) corrected to 3 percent oxygen (dry basis), mass rate (lbs/hr), and lbs/MM Cubic Feet. In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

All moisture concentration shall be expressed in terms of percent corrected to 3 percent oxygen.

Source test results shall also include the operating conditions of the basic equipment under which the test was conducted.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 2005, 4-20-2001]**

[Devices subject to this condition : D77]

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

SCR reduction efficiency

CO catalyst reduction efficiency

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : D1, D5]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E73]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]
5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION E: ADMINISTRATIVE CONDITIONS

- a. Three years for a facility not subject to Title V; or
 - b. Five years for a facility subject to Title V.
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
- a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]
 - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
 - c. For a large NO_x source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
 - d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
 - e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO₂) and be averaged over 15 consecutive minutes; [407]
 - f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO₂) at standard conditions and averaged over 15 consecutive minutes. [409]
 - g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O₂) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulations, except those listed in Table 1 of Rule 2001 for NO_x RECLAIM sources and Table 2 of Rule 2001 for SO_x RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO_x or SO_x emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NO_x or SO_x source, respectively. [2001]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION E: ADMINISTRATIVE CONDITIONS

9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
 - a. Brief description of the equipment tested.
 - b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
 - f. Description of calibration and quality assurance procedures.
 - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).
10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]
 - a. The results of the source test.
 - b. Brief description of the equipment tested.
 - c. Operating conditions under which test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Field and laboratory data forms, strip charts and analyses.
 - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

SECTION E: ADMINISTRATIVE CONDITIONS

12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182.
[204]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

I. NO_x Monitoring Conditions

A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate an AQMD certified direct or time-shared monitoring device or an approved alternative monitoring device for each major NO_x source to continuously measure the concentration of NO_x emissions and all other applicable variables specified in Rule 2012, Table 2012-1 and Rule 2012, Appendix A, Table 2-A to determine the NO_x emissions rate from each source. The time-sharing of CEMS among NO_x sources may be allowed by the Executive Officer in accordance with the requirements for time sharing specified in Appendix A. [2012]
2. Install, maintain, and operate a totalizing fuel meter approved by the Executive Officer for each major source. [2012]
3. If the facility is operating existing CEMS and fuel meters, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect prior to October 15, 1993 until the CEMS is certified pursuant to Rule 2012. [2012]
4. Use valid data collected by an AQMD certified or provisionally certified CEMS in proper operation that meets all the requirements of Appendix A of Rule 2012, unless final certification of the CEMS is denied, to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.
5. Follow missing data procedures as specified in Rule 2012 Appendix A whenever valid data is not available or collected to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

B. The Operator of a NOx Large Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter and any device specified by the Executive Officer as necessary to determine monthly fuel usage or other applicable variables specified in Rule 2012, Appendix A, Table 3-A. The sharing of totalizing fuel meter may be allowed by the Executive Officer if the fuel meter serves large sources which have the same emission factor, concentration limit, or emission rate. The sharing of totalizing fuel meters shall not be allowed for large sources which are required to comply with an annual heat input limit. [2012]
2. Comply at all times with the specified NOx concentration limit in PPM measured over any continuous 60 minutes for that source or establish an equipment-specific emission rate that is reliable, accurate, representative of that source's emissions, and in accordance with the requirements specified in Rule 2012, Appendix A, Chapter 5. [2012]

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall, as applicable:

Not Applicable

II. NOx Source Testing and Tune-up Conditions

1. The operator shall conduct all required NOx source testing in compliance with an AQMD-approved source test protocol. [2012]
2. The operator shall, as applicable, conduct source tests for every large NOx source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NOx concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]
3. All NOx large sources and NOx process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Section F Page 3
Facility I.D.#: 119907
Revision #: 6
Date: June 01, 2008

FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

4. Process Unit source testing



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

I. Recordkeeping Requirements for all RECLAIM Sources

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:
 - a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
 - b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
 - c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

II. Reporting Requirements for all RECLAIM Sources

1. The operator shall submit a quarterly certification of emissions including the facility's total NOx or SOx emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2011 & 2012]

NOx Reporting Requirements

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

1. No later than 12 months after entry into the RECLAIM program or after the initial operation of a new major source, whichever is later, install, maintain, and operate a reporting device to electronically report everyday to the AQMD central station for each major NOx source, the total daily mass emissions of NOx and daily status codes. Such data



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

shall be transmitted by 5:00 p.m. of the following day. If the facility experiences a power, computer, or other system failure that prevents the submittal of the daily report, the Facility Permit holder shall be granted 24 hours extension to submit the report. [2012]

2. Calculate NO_x emissions pursuant to missing data procedures set forth in Appendix A, Chapter 2 of Rule 2012 if the Facility Permit holder fails to meet the deadline for submitting the daily report. [2012]
 3. Submit an electronic report within 15 days following the end of each month totaling NO_x emissions from all major NO_x sources during the month. [2012]
 4. For those facilities with existing CEMS and fuel meters as of October 15, 1993, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect until the CEMS is certified pursuant to Rule 2011 and/or Rule 2012, as applicable. [2012]
- B. The Operator of a NO_x Large Source, as defined in Rule 2012, shall:
1. Install, maintain and operate a modem or any reporting device approved by the Executive Officer to report, to the AQMD, the total monthly NO_x mass emissions from each large NO_x source. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. Such data shall be reported within 15 days after the end of each calendar month. [2012]

- C. The Operator of a NO_x Process Unit, as defined in Rule 2012, shall:

Not Applicable



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765



Section H	Page: 1
Facility I.D.:	119907
Revision #:	8
Date:	June 01, 2008

FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE



AQMD

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Section I Page 1
Facility I.D.#: 119907
Revision #: 6
Date: June 01, 2008

FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules.

NONE

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765



Section J	Page: 1
Facility I.D.:	119907
Revision #:	0
Date:	June 01, 2008

FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION J: AIR TOXICS

NOT APPLICABLE



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION K: TITLE V Administration

GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under Section 129(e) of the Clean Air Act, this permit shall expire five years from the date that the initial Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]

(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:

(A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION K: TITLE V Administration

- (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
- (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

COMPLIANCE PROVISIONS

- 8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
 - (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
 - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

- 9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
 - (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
 - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
 - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]
- 10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION K: TITLE V Administration

11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]
14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
 - (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
 - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
 - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
 - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
 - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
 - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Section K	Page: 4
Facility I.D.:	119907
Revision #:	0
Date:	June 01, 2008

FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION K: TITLE V Administration

commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION K: TITLE V Administration

EMERGENCY PROVISIONS

17. An emergency¹ constitutes an affirmative defense to an action brought for non-compliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
 - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
 - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
 - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
 - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - (B) The operator complies with the breakdown provisions of Rule 430 - Breakdown Provisions, or subdivision (i) of Rule 2004 - Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

¹ "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION K: TITLE V Administration

RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
 - (B) The date(s) analyses were performed;
 - (C) The company or entity that performed the analyses;
 - (D) The analytical techniques or methods used;
 - (E) The results of such analyses; and
 - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:
- (A) Breakdowns shall be reported as required by Rule 430 - Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.
 - (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION K: TITLE V Administration

- (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
 - (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;
 - (B) The compliance status during the reporting period;
 - (C) Whether compliance was continuous or intermittent;
 - (D) The method(s) used to determine compliance over the reporting period and currently, and
 - (E) Any other facts specifically required by the Executive Officer to determine compliance.
- The EPA copy of the certification shall be sent to: Director of the Air Division Attn: Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]
25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

SECTION K: TITLE V Administration

PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the Title V application file. [3004(a)(4)]



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

SECTION K: TITLE V Administration

FACILITY RULES

This facility is subject to the following rules and regulations:

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	12-5-2003	Non federally enforceable
RULE 1122	7-11-1997	Federally enforceable
RULE 1134	8-8-1997	Federally enforceable
RULE 1146	11-17-2000	Federally enforceable
RULE 1148	11-5-1982	Federally enforceable
RULE 1148.1	3-5-2004	Non federally enforceable
RULE 1166	5-11-2001	Non federally enforceable
RULE 1166	7-14-1995	Federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1173	5-13-1994	Federally enforceable
RULE 1176	5-13-1994	Federally enforceable
RULE 1176	9-13-1996	Federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1403	4-8-1994	Non federally enforceable
RULE 1415	10-14-1994	Non federally enforceable
RULE 2005	4-20-2001	Federally enforceable
RULE 2012	12-5-2003	Federally enforceable
RULE 2012	5-11-2001	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 218	5-14-1999	Non federally enforceable
RULE 218.1	5-14-1999	Non federally enforceable
RULE 219	7-11-2003	Non federally enforceable
RULE 219	9-4-1981	Federally enforceable



AQMD
AIR QUALITY MANAGEMENT DISTRICT

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Section K Page: 10
Facility I.D.: 119907
Revision #: 0
Date: June 01, 2008

**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 3002	11-14-1997	Federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3003	3-16-2001	Non federally enforceable
RULE 3004	12-12-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3005	3-16-2001	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 304	5-11-2001	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 403	12-11-1998	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.1	6-12-1998	Federally enforceable
RULE 462	5-14-1999	Federally enforceable
RULE 463	3-11-1994	Federally enforceable
RULE 475	10-8-1976	Federally enforceable
RULE 475	8-7-1978	Non federally enforceable
40CFR 60 Subpart GG	3-6-1981	Federally enforceable
40CFR 68 - Accidental Release Prevention	5-24-1996	Federally enforceable
RULE 701	6-13-1997	Federally enforceable



**FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY**

**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN
PERMIT PURSUANT TO RULE 219**

1. BOILER [<2MM BTU/HR]
2. I. C. ENGINES [<50BHP]
3. WATER HEATERS
4. SPACE HEATERS



FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 11-8-1996]

- (1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.
- (2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

TABLE OF STANDARDS

VOC LIMITS

**Grams of VOC Per Liter of Coating,
Less Water And Less Exempt Compounds**

COATING	Limit*	Effective Date of Adoption	Effective 1/1/1998	Effective 1/1/1999	Effective 7/1/2001	Effective 1/1/2005	Effective 7/1/2008
Bond Breakers	350						
Clear Wood Finishes							
Varnish	350						
Sanding Sealers	350						
Lacquer	680		550			275	
Concrete-Curing Compounds	350						
Dry-Fog Coatings	400						
Fire-proofing Exterior Coatings	350	450		350			
Fire-Retardant Coatings							
Clear	650						
Pigmented	350						
Flats	250						
Graphic Arts (Sign) Coatings	500					100	50
Industrial Maintenance							



FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 11-8-1996]

Primers and Topcoats						
Alkyds	420					
Catalyzed Epoxy	420					
Bituminous Coatings	420					
Materials						
Inorganic Polymers	420					
Vinyl Chloride Polymers	420					
Chlorinated Rubber	420					
Acrylic Polymers	420					
Urethane Polymers	420					
Silicones	420					
Unique Vehicles	420					
Japans/Faux Finishing	350	700		350		
Coatings						
Magnesite Cement Coatings	600			450		
Mastic Coatings	300					
Metallic Pigmented Coatings	500					
Multi-Color Coatings	420		250			
Pigmented Lacquer	680		550		275	
Pre-Treatment Wash Primers	780					
Primers, Sealers, and	350					
Undercoaters						
Quick-Dry Enamels	400					
Roof Coatings	300					
Shellac						
Clear	730					
Pigmented	550					
Stains	350					
Swimming Pool Coatings						
Repair	650					
Other	340					
Traffic Coatings	250		150			
Waterproofing Sealers	400					
Wood Preservatives						
Below-Ground	350					
Other	350					

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards



AQMD
AIR QUALITY MANAGEMENT DISTRICT

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Appendix B Page 3
Facility I.D.#: 119907
Revision #: 0
Date: June 01, 2008

FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 11-8-1996]

TABLE OF STANDARDS (cont.)

VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 12-5-2003]

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.



FACILITY PERMIT TO OPERATE BERRY PETROLEUM COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 12-5-2003]

TABLE OF STANDARDS VOC LIMITS

**Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds**

COATING	Limit*	Effective Date								
		1/1/98	1/1/99	7/1/01	1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350									
Clear Wood Finishes										
Varnish	350							275		
Sanding Sealers	350							275		
Lacquer	680	550					275			
Clear Brushing Lacquer	680						275			
Concrete-Curing Compounds	350									
Dry-Fog Coatings	400									
Fire-Proofing Exterior Coatings	450		350							
Fire-Retardant Coatings										
Clear	650									
Pigmented	350									
Flats	250			100						50
Floor Coatings	420				100			50		
Graphic Arts (Sign) Coatings	500									
Industrial Maintenance (IM) Coatings	420					250		100		
High Temperature IM Coatings**					420					
Zinc-Rich IM Primers	420				340			100		
Japans/Faux Finishing Coatings	700		350							
Magnesite Cement Coatings	600		450							
Mastic Coatings	300									
Metallic Pigmented Coatings	500									
Multi-Color Coatings	420	250								



FACILITY PERMIT TO OPERATE

BERRY PETROLEUM COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 12-5-2003]

COATING	Limit*	Effective Date								
		1/1/98	1/1/99	7/1/01	1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Non-Flat Coatings	250				150			50		
Pigmented Lacquer	680	550					275			
Pre-Treatment Wash Primers	780				420					
Primers, Sealers, and Undercoaters	350				200			100		
Quick-Dry Enamels	400				250			50		
Quick-Dry Primers, Sealers, and Undercoaters	350				200			100		
Recycled Coatings					250					
Roof Coatings	300				250		50			
Roof Coatings, Aluminum	500						100			
Roof Primers, Bituminous	350				350					
Rust Preventative Coatings	420				400			100		
Shellac										
Clear	730									
Pigmented	550									
Specialty Primers	350							100		
Stains	350				250				100	
Stains, Interior	250									
Swimming Pool Coatings										
Repair	650				340					
Other	340									
Traffic Coatings	250	150								
Waterproofing Sealers	400				250			100		
Waterproofing Concrete/Masonry Sealers	400							100		
Wood Preservatives										
Below-Ground	350									
Other	350									



FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 12-5-2003]

- * The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards
** The National VOC Standard at 650 g/l is applicable until 1/1/2003

TABLE OF STANDARDS (cont.)
VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120



FACILITY PERMIT TO OPERATE

BERRY PETROLEUM COMPANY

APPENDIX B: RULE EMISSION LIMITS **[RULE 1171 11-7-2003]**

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)
(B) Repair and Maintenance Cleaning	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)
(iii) Medical Devices & Pharmaceuticals	
(A) Tools, Equipment, & Machinery	800 (6.7)
(B) General Work Surfaces	600 (5.0)



FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-7-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)
(D) Cleaning of Ink Application Equipment	
(i) General	25 (0.21)
(ii) Flexographic Printing	25 (0.21)
(iii) Gravure Printing	
(A) Publication	750 (6.3)
(B) Packaging	25 (0.21)
(iv) Lithographic or Letter Press Printing	
(A) Roller Wash – Step 1	600 (5.0)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)
(C) Removable Press Components	25 (0.21)
(v) Screen Printing	750 (6.3)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)



FACILITY PERMIT TO OPERATE

BERRY PETROLEUM COMPANY

APPENDIX B: RULE EMISSION LIMITS **[RULE 1171 11-7-2003]**

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(vii) Specialty Flexographic Printing	600 (5.0)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)



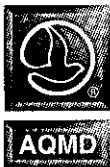
FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 8-2-2002]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 1/1/2003	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application			
(i) General	50 (0.42)	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)		100 (0.83)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)		
(B) Repair and Maintenance Cleaning			
(i) General	50 (0.42)	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)		100 (0.83)
(iii) Medical Devices & Pharmaceuticals			
(A) Tools, Equipment, & Machinery	800 (6.7)		
(B) General Work Surfaces	600 (5.0)		
(C) Cleaning of Coatings, or Adhesives Application Equipment	550 (4.6)		25 (0.21)
(D) Cleaning of Ink Application Equipment			



FACILITY PERMIT TO OPERATE
BERRY PETROLEUM COMPANY

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 8-2-2002]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 1/1/2003	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(i) General	50 (0.42)	25 (0.21)	
(ii) Flexographic Printing	50 (0.42)	25 (0.21)	
(iii) Gravure Printing			
(A) Publication	750 (6.3)		100 (0.83)
(B) Packaging	50 (0.42)	25 (0.21)	
(iv) Lithographic or Letter Press Printing			
(A) Roller Wash – Step 1	600 (5.0)		100 (0.83)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)		100 (0.83)
(C) Removable Press Components	50 (0.42)	25 (0.21)	
(v) Screen Printing	750 (6.3)		100 (0.83)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)		100 (0.83)
(vii) Specialty Flexographic Printing	600 (5.0)		100 (0.83)
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)	25 (0.21)	

* The specified limits remain in effect unless revised limits are listed in subsequent columns.